



UNITED STATES

National Library of Medicine

*Review of PDA Applications  
in  
Toxicology and Environmental Health:*



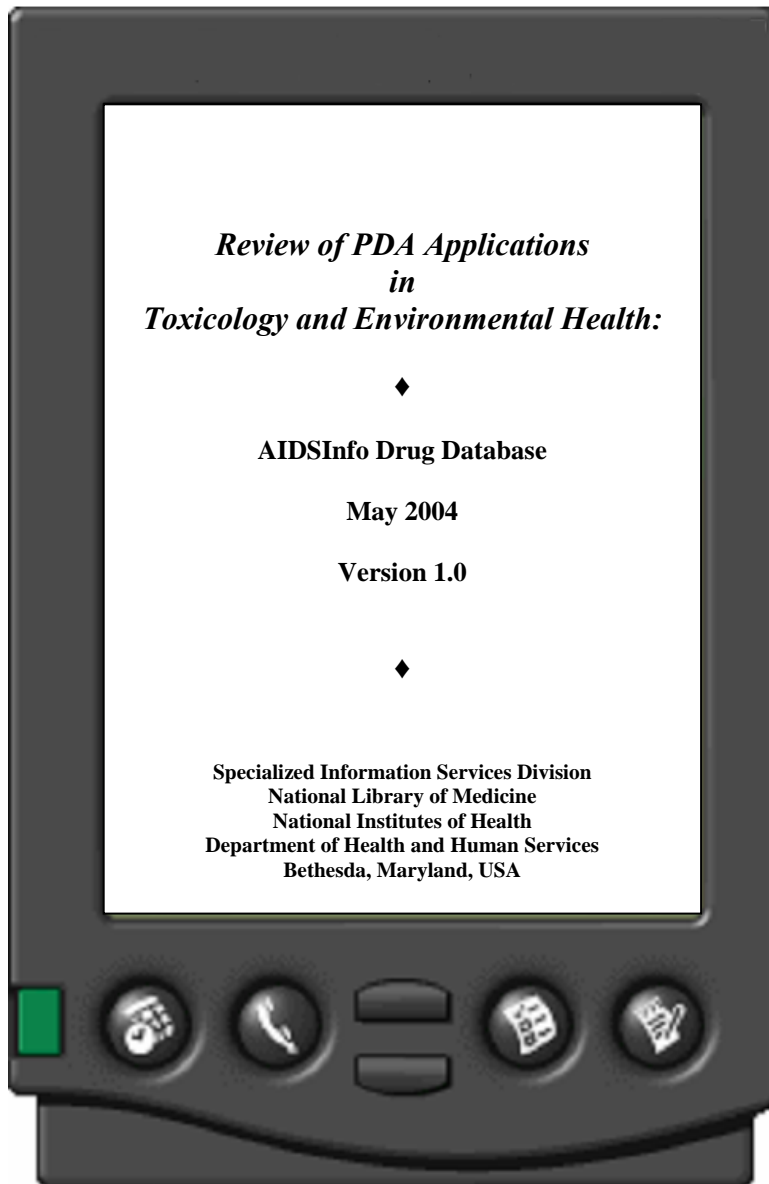
AIDSInfo Drug Database

May 2004

Version 1.0



Specialized Information Services Division  
National Library of Medicine  
National Institutes of Health  
Department of Health and Human Services  
Bethesda, Maryland, USA



# AIDSInfo Drug Database Version 1.0

(Reviewed 6/2005)



## General Information

For general comments regarding the *Review of PDA Applications in Toxicology and Environmental Health*, please see the [Overview](#).

The technical and content review of this PDA application – ***AIDSInfo Drug Database***– was based on downloadable freeware. The Drug Database for Palm PDAs provides easy access to drug information from the National Library of Medicine's [AIDSInfo Drug Database](#). This database provides HIV/AIDS drug fact sheets describing a drug's use, pharmacology, side effects, and other information such as class, or FDA-approval or investigational status.

## Intended Users

- Health Care professionals working with people with HIV/AIDS

## Authorship/Data Source

All authors and editors have experience in HIV/AIDS treatment issues and in medical writing and editing for both lay and professional audiences.

The data sources are detailed in the "References" section of the technical version of each fact sheet. Preferred data sources are standard pharmaceutical references, such as the product prescribing information and drug monographs from the USP DI and AHFS Drug Information publications.

## Contents

- ♦ Drug Name
- ♦ Drug Class
- ♦ Drug Type

The Drug Database for Palm PDAs contains all the drug fact sheets that are found in the ***AIDSInfo Drug Database*** on the web.



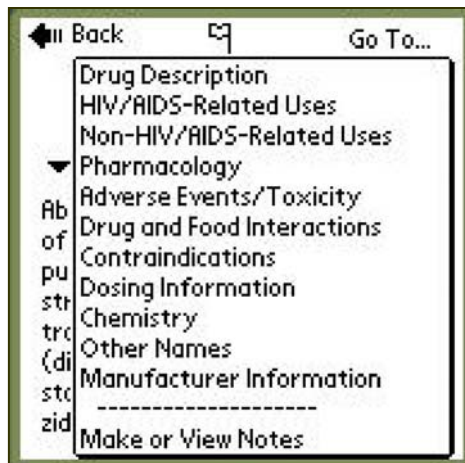
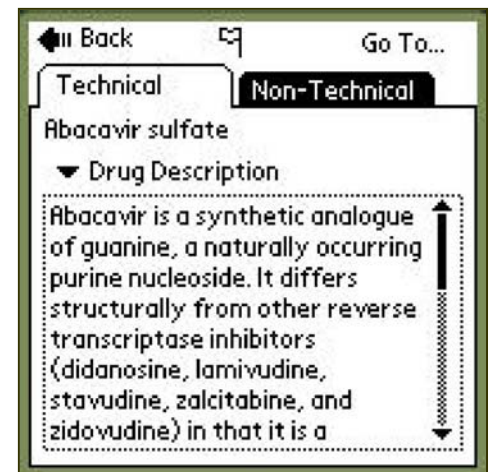
◀ *This is the first screen that you see when you open the Drug Database. Tap on OK to start the session.*

► *After launching the program, you will be taken to a screen showing the Main Menu. Contact Us... provides information on where to turn for help in using the program. Sponsors lists the various U.S. Federal agencies that have collaborated on the database.*



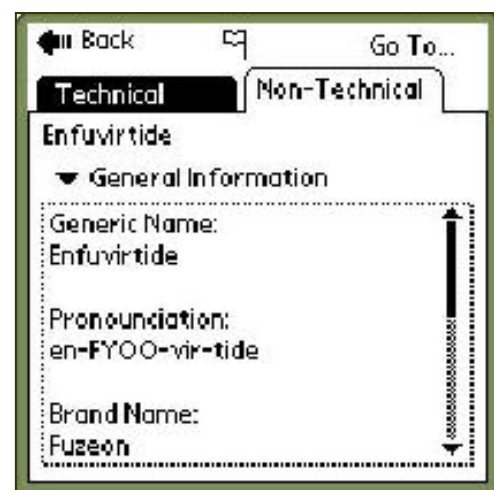
◀ *When you choose the Drug Name option, you're taken to an alphabetical listing of drug names. The list can show generic or brand names. Other Names includes common names for the medicines.*

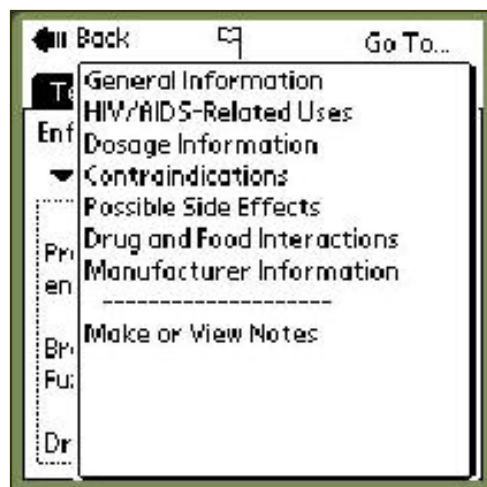
► *The default screen presents technical information about the drug selected. This includes extensive information about the drug's pharmacology, chemistry, and toxicity. Tapping on the down arrow opens the category menu.*



◀ *You can move directly to a technical category by tapping on the category from the technical menu.*

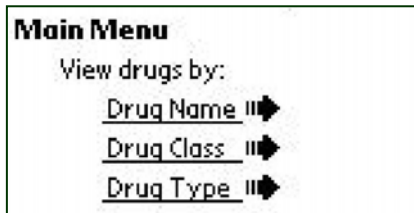
► *You can also access non-technical information about a medication. This provides basic information about the drug's use, dosage, side effects, contraindications, manufacturer and both the generic and brand names. Tapping on the down arrow opens the category menu.*





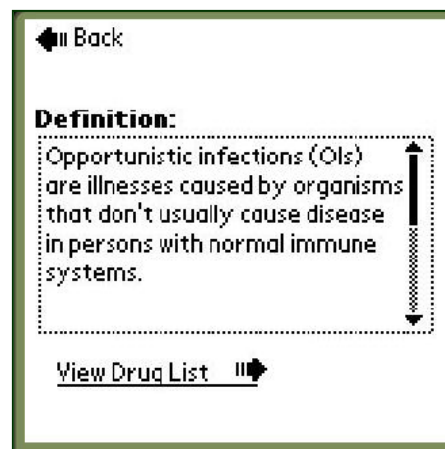
◀ You move directly to a category by tapping on it from the non-technical menu.

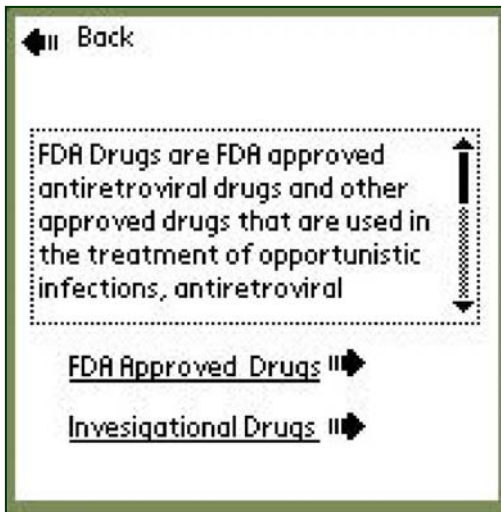
► There are two other ways of searching the database, *Drug Class* and *Drug Type*.



◀ *Drug Class*. Tap the desired drug class to go to that section in the database.

► This screen shows a definition of the drug class and lists both approved and investigational drugs within that class. This is a shot of a *Drug Class* definition, in this case *Opportunistic Infections & Others*. You tap on *View Drug List* to go to the alphabetical list of drugs in this class.



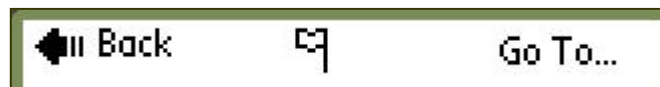


◀ *You can also search the database by Drug Type, which refers to the FDA status of a drug. The drugs are listed alphabetically and not by drug class.*

## Navigation

This is an application that functions in an offline mode and does not require any degree of mobile connectivity.

At the top of a drug description screen, you see three navigation symbols.

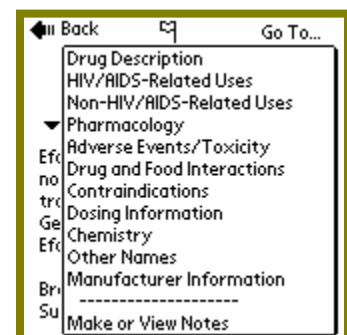


*Back* returns you to the previous page.

*Bookmarks:* Tapping the flag symbol creates a bookmark for the particular drug you are ready about; you can access any bookmarks from the Main Menu.

*Go To...* displays a menu of previous screens.

▶ *Make or View Notes:* This option is highlighted by tapping on the down arrow next to a drug name. A lined screen appears and you type in notes about the drug.



► *Contact us...* directs you to where to find help.

AIDSinfo provides the latest federally approved HIV and AIDS information on research, clinical trials, and treatment.

**Web Site:** <http://aidsinfo.nih.gov>

**Live Help:**  
[http://aidsinfo.nih.gov/live\\_help](http://aidsinfo.nih.gov/live_help)

**Phone:**  
1-800-448-0440  
Mon - Fri, 12:00 pm - 5:00 pm EST

**Email:** [ContactUs@aidsinfo.nih.gov](mailto:ContactUs@aidsinfo.nih.gov)

OK

AIDSinfo is a U.S. Department of Health and Human Services (DHHS) project sponsored by the following U.S. Federal government agencies:

Division of Acquired Immunodeficiency Syndrome

National Library of Medicine (NLM)

NLM Specialized Information

OK

◄ *Sponsors...* lists the U.S. Federal government agencies that sponsors the AIDSinfo website.

### *Requirements*

- ❖ Palm OS
- ❖ 1.34 MB free space

### *Application Type/Price*

- ❖ Freeware

### *Availability*

You can download the AIDSinfo Drug Database for Palm PDAs at [http://aidsinfo.nih.gov/mobile/pda\\_drugs.asp](http://aidsinfo.nih.gov/mobile/pda_drugs.asp)

### *Peer Review Process*

For investigational agents, every effort is made to use sources from the peer-reviewed literature. When peer-reviewed data are not available, conference abstracts, information from the manufacturer, and data from clinical trial protocols are used and appropriately cited.

### *Update Policy*

All fact sheets are updated at least annually, with the date of the most recent update posted clearly on each fact sheet in the bottom right-hand corner. The update information does not appear on fact sheets in the Palm PDA version, only on the web version. Fact sheets also receive just-in-time updates whenever important new information about a drug is issued by the FDA or by the drug's manufacturer.

### *Useful Web Links*

Visit the HIV/AIDS website at <http://sis.nlm.nih.gov/hiv.html> for more information from the National Library of Medicine. You can also download additional HIV/AIDS-related PDA software, including *Antiretroviral Toxicity Tool for Pocket PCs*, *HIV/AIDS Glossary*, and *Guidelines* (federally-approved medical guidelines for treatment of HIV/AIDS).

For information about the Specialized Information Services division, visit <http://sis.nlm.nih.gov>.



# **Review of PDA Applications in Toxicology and Environmental Health**

## **Overview**

Handheld computer devices known as Personal Digital Assistants (PDAs) are increasingly being used in the fields of toxicology and environmental health. Moreover, software applications covering specialized subject matter in these fields are increasingly being made available to PDA users.

In an effort to provide information on the main technical and content features of selected applications, the National Library of Medicine's Division of Specialized Information Services (SIS) has undertaken an ongoing review of them. Typically, individual reports in the review series are based on free, downloadable demos.

Each report typically covers the following topics: General Information, Intended Users, Authorship/Data Source, Contents, Navigation, Requirements, Application Type/Price, Availability, Useful Web Links, and Updates.



**Note:** The *Review of PDA Applications in Toxicology and Environmental Health* is not intended to be all comprehensive, but rather a review of selected applications. SIS staff welcomes any comments on completed reviews or suggestions for additional reviews of applications not currently included, as long as they fall within the scope of toxicology and environmental health. You may contact us via email at [tehip@teh.nlm.nih.gov](mailto:tehip@teh.nlm.nih.gov) with any comments, questions, or suggestions.

It is not the intention of SIS staff to recommend, or not recommend, any particular PDA device(s) or software application(s), but rather to provide an objective and descriptive review of the main technical and content features of selected applications based on their downloadable demo versions.